Multimedia projector

PYLE®

Model:PRJHD198

User's Manual

DVBT

Accessory and purchasable parts

When you open the carton of projector,
plese check the full accessories

Accessory list :

Projector ---------- 1 unit
remote control ----------1 pc
power cable ----------1 pc
AV signal cable----------1 pc
VGA signal cable----------1 pc
warranty card----------1pc
manual ---------- 1 pc
spare fuse ----------1 pc
clear paper ----------1 pc

Purchasable accessory:

1, projector screen
2, projector ceiling mount
3, spare lamps

Specification

LCD	Model	5"TFT
Input signal	video	component video(Ypbpr) ,VGA， HDMI USB,SD ,DVB-T ,analog TV
	audio	stereo
output signal	audio	5W×2 speaker(select)
LCD	native resolution	800*600（support 720P， 1080p)
	contrast ratio	800：1
Lens	aperture	3.8
	Focus	160mm
Lamp	Power	150W
	Color-Temperature	9300K
	Life	6000-8000 hours
	working time	＜24 hours
Image	size	72～150inch
	Brightness	＞1800 Lumens
	keystone	±20 degree
Power	Voltage	220±10%VAC，50Hz 110±10%VAC，60Hz
	power consumption	＜200W
Working condifition	temperature	0℃～+70℃
	humidity	10%～65%
store condition	temperature	-20℃～+70℃
	humidity	10%～90%
Remote control	Frequency	38KHz
machine	size	298×210×120mm
	weight	6Kg

（If all parameter changed,donot note again）

WARNING

warning：

Please remember the model Number and series number if you need.
And please check all accessories when you drop the carton package.

MODEL NUMBER：

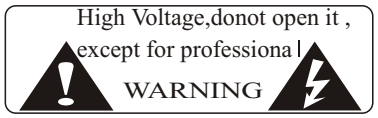
SERIES NUMBER：

When you use this projector , please read this manual carefully

Warning:

Donot see the light from the lens ,it is high bright lamp.
It will damage your eye .specially for chirdren.。

Warning:Donot place the projector in the wet condition, avoid to getting an electric shock



It indicates there is a instruction for important operation

It indicates there is a dangerous voltage

Warning:
when close the projector ,the fans will continue to turn 90seconds.
Before pull out the power cable, please be sure the fans stop to turn .
Or it will damage the projector lamp.

About the remote control battery:

The remote control battery should be fixed correctly ,
Or it will damage the remote control.
Make sure the remote control out of chirdren reach.

Safety precautions

Warning;
when use this projector ,please read this manual carefully.
If wrong operation ,it will cause electric shock or fire.so when use and repair this projector ,please comply with the following points.

1,Read manual
Before use this projector ,please read full manual carefully and operate according to this manual instruction

2,Clear
when clear this projector ,please pull out the power cable. Use the wet cloth to clear,not the cleasner

3.Accessory
please use our recommended accessory. Or it will damage the projector.

4,Use environment
Donot place the projector in wet environment

5,installation and fix
please place this projector in stable table .

6, Ventilation
the ventilation in the projector are best for projector work stably. Donot let the dust wall up the filter. Or it will cause the projector high-temperature protected. So please use the water to clear the filter per month.

7, Power
please make sure the power same as your projector inquiry specification. (220 V or 110V)

8, Earthing wire
this projector has earthing wire . It is three pin plug.

9,protect the power cable
Please confirm the power cable are perfect when connect the projector.

10,Thunder
when the thunder happen or long time no use , please pull the power cable out of projector.

11,Repairment
As the high voltage inside ,please donot open or try to repair the projector by yourself. . Please ask a professional technician to repair the projector.

12, Far away Heat device
please make sure this projector far away other heat device . It will damage the projector service life

Trouble shooting

TROUBLE SHOOTING

Please refer to this chapter when you encounter a problem list prior to contacting your dealer.

Problem:	**Possible solution(s):**
Projector turns off automatically	1, Dust cover the filter , Please wash this filter by water . 2, Some of fans are broken ,donot turn again, It is high temperature protected system. Please replace the broken fans quickly.
Lamp doesn't work.	1, Power supplier are wrong . Please confirm your Projector power specification . 220V or 110V . 2 , Lamp are broken or out of service life. Please replace the lamp and test it again 3, Check the ignitor . It is broken , please change a New ignitor.

Trouble Shooting

TROUBLE SHOOTING

Please refer to this chapter when you encounter a problem list prior to contacting your dealer.

Problem:	Possible solution(s):
No power	1, The projector donot connect the power cable 2, Donot open the projector . 3, Fuse broken
Remote doesn't operate	1,Projector turned on to quickly after last turn off (needs 5 minutes). 2,Batteries defect. 3, Aim remote correctly at IR receiver.
No image	1, Please remove the len cap at first 2, Projector turned off. 3, Selected the wrong input signal. 4, the mainboard are broken . Please Replace this mainboard.

Caution

About the installation

- In order to improve the projector service life, It shouldnot place in a wet and ventilation condition。
- Donot put the projector under the sunshine directly。
- Projector working temperature: 0℃～+70℃。 Projector store temperature : -20℃～+70℃。
- Donot block the ventilation-window of projector If the projector interior temperature are too hot , the machine will be shut off automatically.This is hot - protected system. So please clean the filter of projector per month . It is very important. Donot let the dust cover the filter.
- About Open and close the projector
- when open the projector ,connect the power cable and press the "power" key on the panel .the projector will work ,but the lamp will be bright more and more .After 5 minutes, the lamp wor normally
- when close the projector , press the powe key again . And then the lamp shut off. But the fans still work until 5minutes lat When close the projector ,donot pull out the power cable directly . After 5minutes the projector will shut off automatically.

Warning：

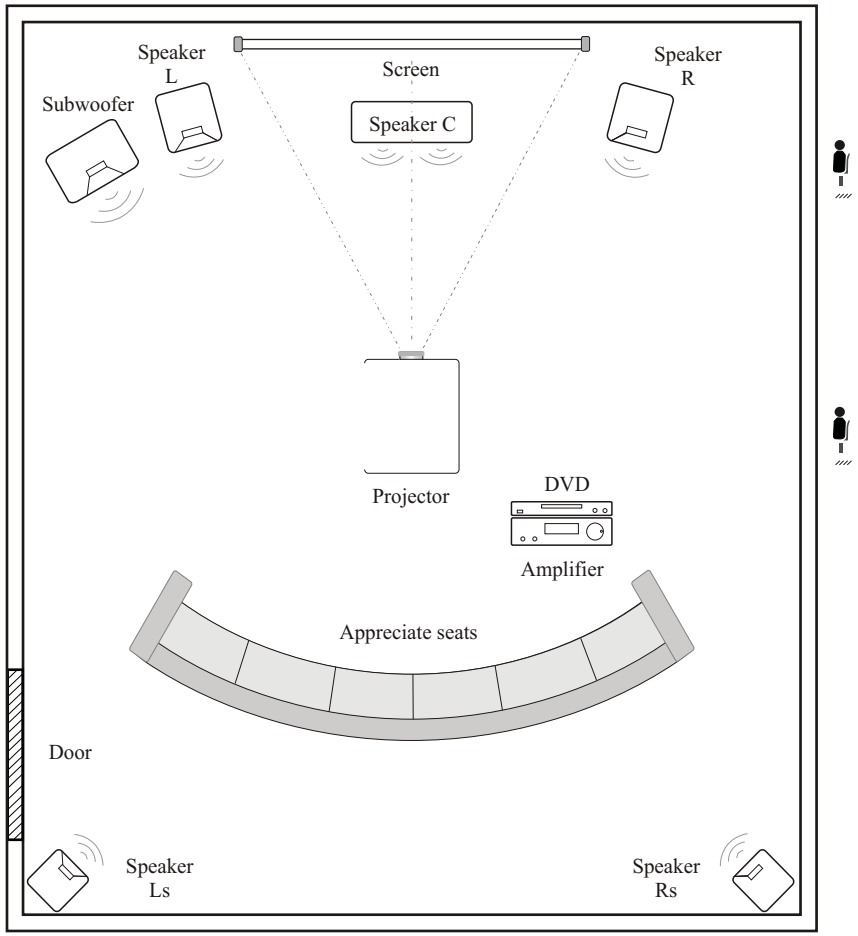
Fans will adjust the temperature ， It is controlled by system 。 when the projector work, the fans turn slowly or quickly， so the fans noise are different。But it is normal。

when the projector work ,donot pull out the pwer cable。If the fans stop to work,it will cause the projector interior temperature very high, so it may damage the projector.

Installation

PROJECTOR INSTALLATION

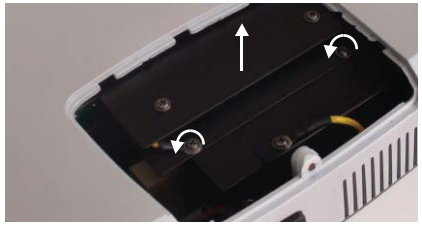
Please use the setup instruction below:



In order to get good image quality ,donot let the sunlight shine the screen directly .If you use the projector in the day time,

Maintenance

2.Take away the panel like the picture 2。



2

3, Use a small screwdriver to push out the lamp as the picture 3

3

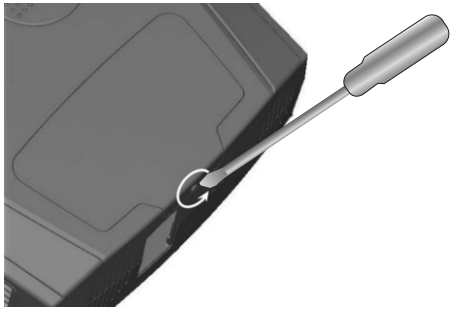
★Before replacing the lamp,make sure the lamp are cold。
★Before open the lamp cover board,pull out the power cable
★When replacing the lamp,donot drop some dirty goods inside the projector.

Maintenance

Replace the projector lamp

Our projector lamp warranty 6 months。In different use environment，after 6000hours， the lamp brightness will reduce， the image will become dark .Therefore， please replace the lamp according to the following steps .

1, use the tool to remove the screw,like the picture 1 show



1

Projector Installation

Standard setting（Front projection）

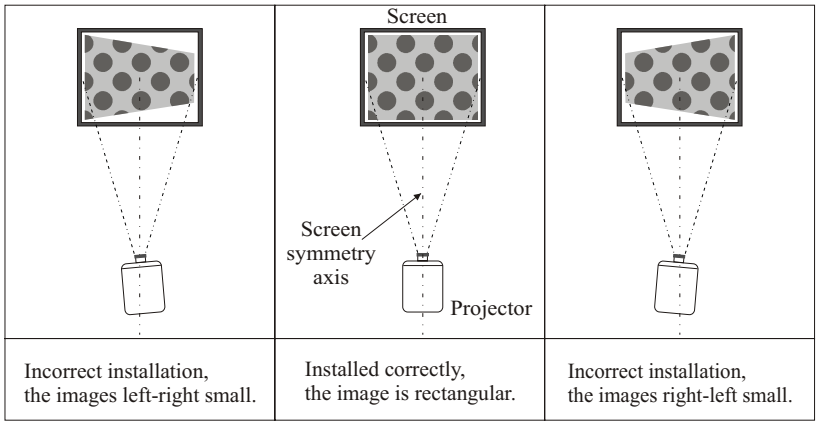
Please refer to the following sheet , adjust your picture size and distance (from the lens to screen)

Taille D'écran	4:3	16:9
50"	1.9m	2.0m
72"	2.5m	2.7m
100"	3.37m	3.8m

The data maybe have 3% error,due to the image size according to the distance between projector and screen 。if the distance is less 2m or over 5m,the image maybe not clear.

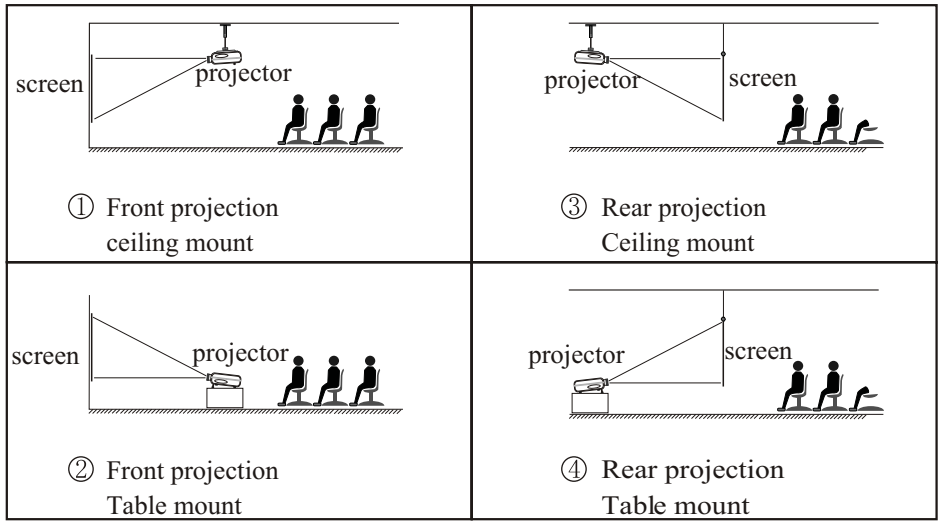
warning：

Please check the following picture to show the trapezoid adjustment



Projector installation

Installation method:
Contact a proffessional service man to mount this projector to a ceiling.
Follow the instructions belowe for the correct projector positions:



Warning:

1）This projector might damage beyond repair when it is incorrectly mounted on a ceiling or when its incorrectly installed on a surface or installed on a incorrect surface. It may also inflict damage to persons within close vicinity.

2)This projector can only be used in an environment with a temperature not exceeding the range of 0- 35 degree .The projector may malfunction if temperatures vary outside the normal operating range.

3）The sharpness of the screen might be interrupted when the projector is being used in a dusty,wet,moist or smoke filled environment. The projector might malfunction in a moist or wet environment.

4）Take care of sufficient ventilation around the projector. Otherwise this projecctor might overheat and cause life threatening situations

Maintenance

Maintenance filter

The filter should be cleaned at least once a month (more often in dusty environments),or the projector will overheat。
the step as follow：

1.Remove the grille like indicated below。

2. clear the dusty on the filter， Dry the filter sufficiently neverinstall a moist filter in this projector,and complete the installation。

USB/SD PLAY

Multimedia play

Enter " DTV/CARD" mode，insert USB or SD/MMC card,It can recognize the file in format of Mp3、JPEG、MPEG-4、AVI、VOB、DAT。

1. Press "▲/▼" to choose what you need to play;
2. Press " ▶" to enter the submenu，then press "▲/▼" to choose which file you need to play,
3. If you want to return to main menu to play other media,press "◀" ;
4. Press "RETURN" to back previous menu ;
5. Choose the file and then press "OK" ， begin to play in full screen。

Play Operation

1. Play " USB Movie" ， press the bottom key on the remote control，it can pause, stop，forward、back、next、previous and image zoom funtion;
2. Play "USB Music" ， press the bottom key on the remote control，it can pause, stop，forward、back、next、previous and image zoom funtion
3. Play "USB Photo" ， press " ▲/▼/◀/▶ display the picture or reverse the picture, press "SIZE +/-" to magnify or shrink the picture，Under the image zoom function, press " ▲/▼/◀/▶ " to remove the picture to center;
4. Under play mode,press "RETURN" back to main menu。

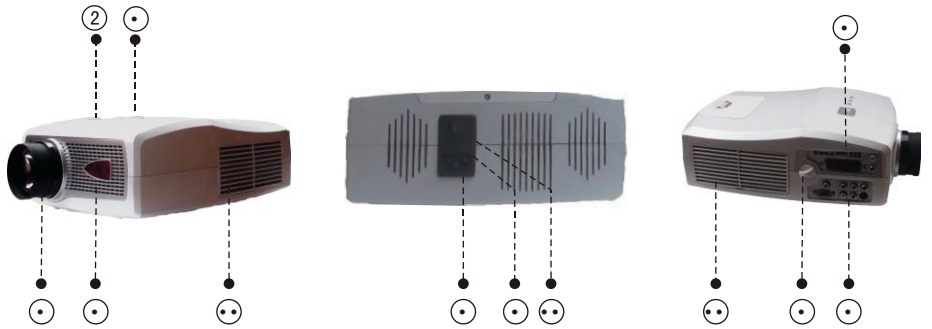
Entertainment games

Choose " Games" to enter the games main menu：Box Man、Tetris、Hit Rat。
Press "OK" to enter the games，use the "number" and "→←↑↓" to play the game。

Projector installation

Input port instruction

This projector can support HDMI,USB,SD, component video signal, s-video signal,VGA signal and TV signal,the audio in and audio out function.

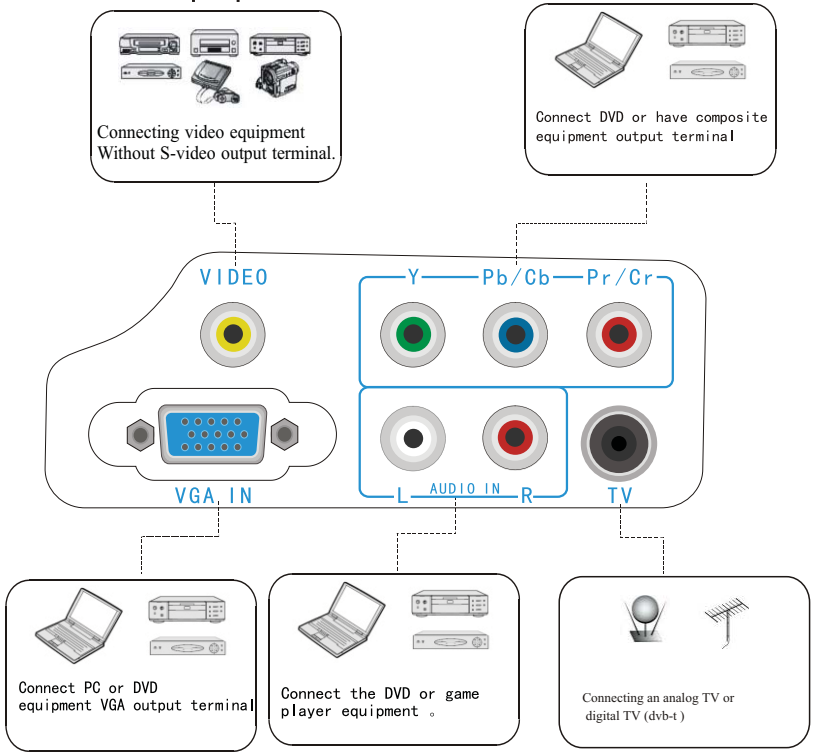


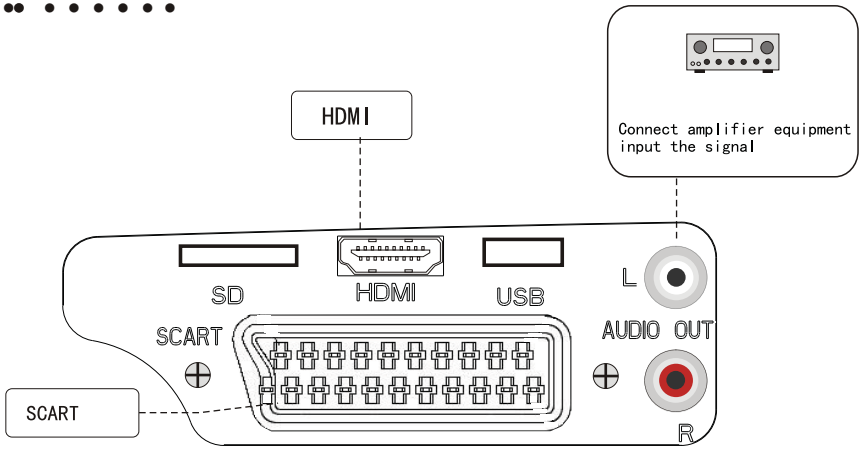
1. Indicator light
   on stay situation，the light is red，
   on working situation，the light is green。
2. Panel key
   use panel key to adjust parameter，
   (read the introduce of the panel key)
3. Remote control receiver
   when use the remote control,please
   point this receiver directly。
4. Lens
   adjust the lens focus to improve
   the image quality。
5. Trapezoid correction
   turn the knob on the projector left or right .
Adjust the image become square,can adjust +/-15
6. HDMI signal input , max support 1080i signal.
7. Signal wire connect
   connect projector signal source，
   （read the signal port introduce）
8. Power switch
   when use ,you need connect the
   power wire with projector and
   the power jace。
9. Fuse
   if open the power switch,the indicator
   light donot work,it maybe the fuse
   broken。（5A220V)
10. Power switch
    open and shut off this switch。
    when you want to open the projector
    it must open this switch at frist
11. ventilation
    this ventlilation window is very important
    donot block this window.otherwise
    it will burn the projector
12. ventilation
    two side of the projector have the ventilation，
when use ,you must ensure do not block it

13.USB port
14,SD card port
15,Digital TV and analog TV port

Projector install

Connect main equipment





Digital TV Use

1. Search Channel according the different area，recently it support following country：germany、UK 、italy、France、spain、holland、Taiwan、China、Norway、sweden、finland；
2. Manual search need to set up the scan frequency and bandwidth，please set up according to your local DVB Parameter；
3. Auto search，when the search finish,it will skip the search menu ,and it will play the program which you search in the right screen .

Program instruction menu

If you want to learn the next or future program ,please press the “EPG”key on the remote control and enter the program instruction menu windows：

1. Title；
2. Display time list；
3. Display particular time list；
4. Program list，press “▲/▼” to move the cursor on the different program，press “◀/▶” to switch the cursor left/right；
5. Display the time period and information of recent program，press “▲/▼” to move the cursor；
6. Display particular program information which the cursor correspond。

Digital TV use

If your country have the DVB TV signal,when you use this projector digital tv function first times,please switch to "DTV/CARD" mode,Then it will appear following menu。

If you have used the projector digital tv function ,switch to"DTV/CARD" mode，it will display the last time program which you received。so you should press the "DVB menu" key，it can display the above menu。

Under the full screen display :

press "display" key (on the remote) to display the recent program information;

press "CH+-" key(on the remote),you can change the TV channel;

press "menu" key (on the remote) to entre the menu to change the language or audio;

press "SIZE +/-" key(on the remote) to zoom the picture size ， under the zoom mode，you can press "▲/▼/◄/►" key to move the picture.

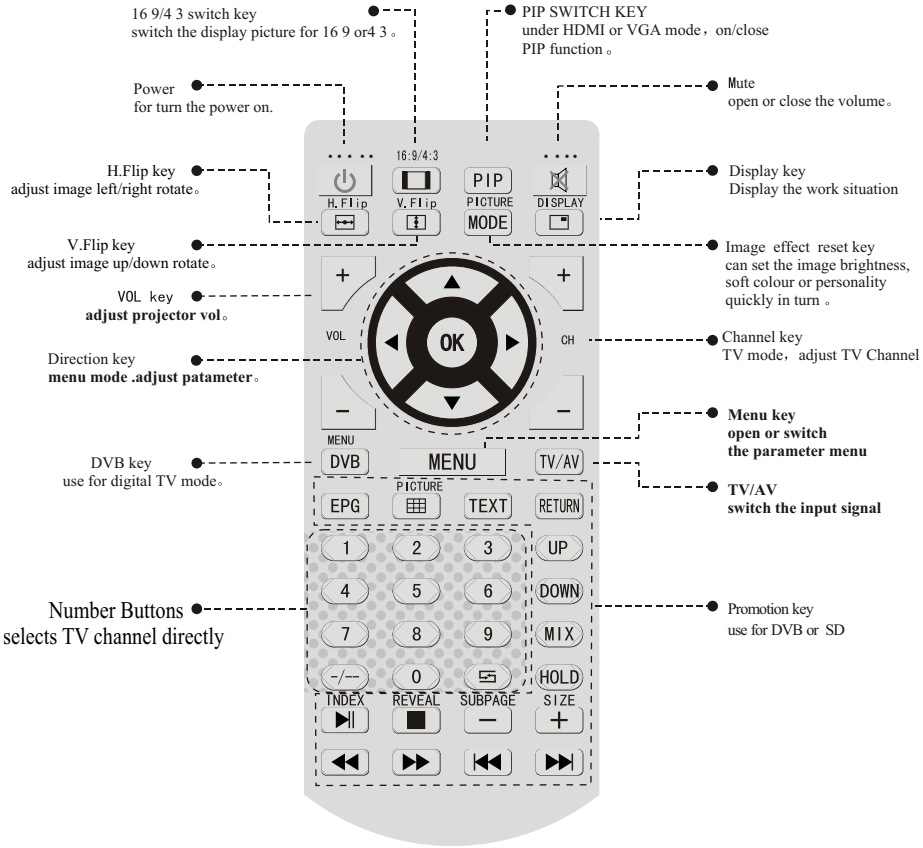
Digital TV setting:

Under the digital tv menu，press "OK" key (on the remote) to enter the setting menu。As following:

Move the cursor to "Installation" ， press "OK" key on the remote，it will display the dialogue "password",the default password"0000", then you can enter the "search"menu.Picture as following:

Remote control instruction

Remote panel instruction



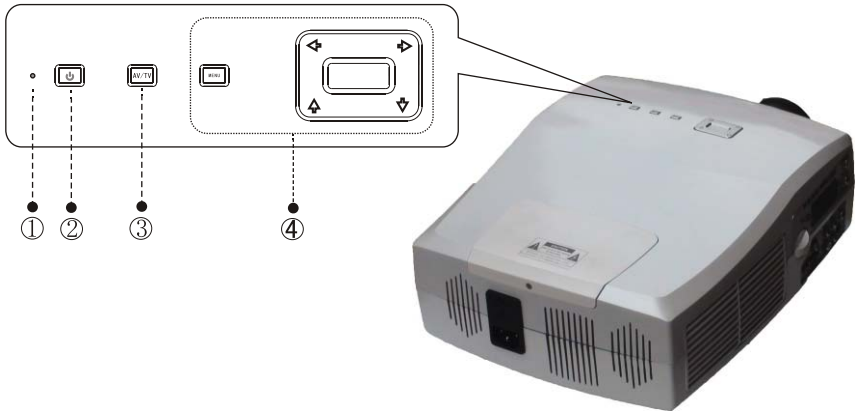
Precautions：

1，you need to dry the remote control with a dry cloth immediately when it gets wet.

2, when the battery hasn't been used for a long time we advise you to remove it from the remote .be sure that children can't reach the removed button cell .swallowing a of harm and is very dangerous

Panel keystoke instruction

Panel keystoke sketch map



⊙ Indicator light

⊙AV/TV Key

This key can choose the mode (switch from AV/HDMI/TV/PC)

② Power key

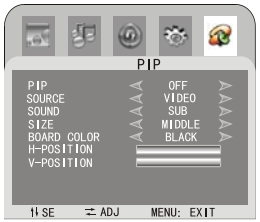
It can open or close the projector its function same as the "power" in the remote control

⊙ Menu,direction Key

It can adjust the menu by UP/Down ,left/right

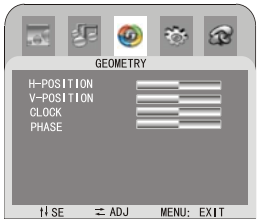
Menu setting

5. PIP INTERFACE



NOTE: only Under HDMI and Pc mode support PIP function when PIP function donot close the singal just switch between HDMI and PC

6. GEOMETRY INTERFACE

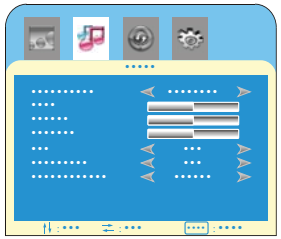


7. TV-CHANNEL INTERFACE

This menu is for analog TV function.
You can search the analog tv channel .

Menu setting

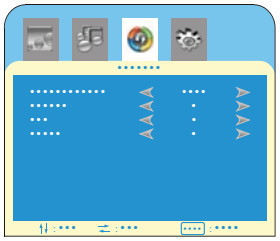
2. SOUND INTERFACE



the audio output have three types:normal ,line,speaker;
when you choose the normal mode, the projector internal speaker and audio output function both work
when you choose the line mode,the projector internal speaker donot work, only audio output funciton work.
When you choose the speak mode, only the projector internal speaker work, the audio output function donot work (no sound output)

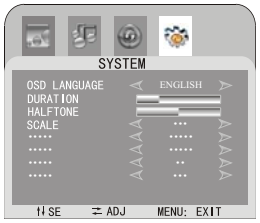
This menu for adjusting the sound. You can choose different sound mode which you prefer .

3. ADVANCE INTERFACE



When you watch the TTX ,you can choose the language and time by this menu.

4. SYSTEM INTERFACE



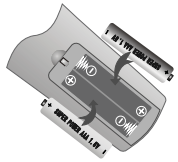
OSD language: our projector support English,Chinese French,German,spanish;
Scale : 4:3/16:9 /letter box , there are three choice.
Only under AV mode, you can switch the 4:3/16:9 /letter box
But under HDMI/VGA/component mode,you only can see 4:3 .
It cannot display 16:9 sale screen.
Hzoom and Vzoom: it only work if you choose the scale:letterbox

Open/close

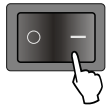
If the projector is the new one , please read “projector install” chapter, placed the projector, connect the powerwire and the signelwire, the operation as follow:

Open operation

1.Before use the remoter .
Put in two 7 size battery in it



2. Open the power switch on the backboard, the power light begin to flash。



3. press the power key on the remote control or panel, the indicator light turn light。

4. After 2 second, the projector lamp begin work, began appear unclear white light on the screen, after 2 minute the projector begin work。

5. For the new projector. When the frist time to use, maybe will appear image unclear or **trapezoid distortion , please read “image adjustment” chapter**。

6. After the image is clear, then you can watch program。during watching, you also can setup the system parameter, please read “menu setting” chapter。

Close operation

1.During use the projector, press “power” key, can let the projector switch to stay situation。

2.After inter into stay situation, the projector under auto protect、auto release hot, the indicator light is flase situation, but here, the projector is under auto protect situation, not accept any order。if need to startup again , must wait for finished the release hot .

Image adjustment

The new projector，using it first time，commonly will appear image faintness and the the image is trapezoid，it is course that not adjust well of the lens focus and the trapezoid。
please follow the step the correction：

Focus adjustment

•、turn the lens into the projector，then turn it out slowly ，at the same time，looking at the resolution point carefully，when the image is very clearly (take the middle area of the image),it is the best situation of the lens

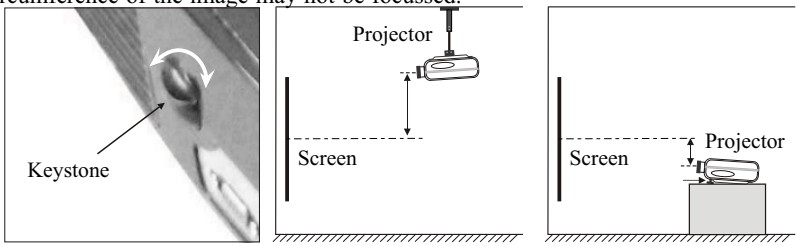
1

2

NOTE: When you replace the projector from a cold to a warm environment water vapour might occur. Don't turn the projector on when this occurs but wait until the vapour has disappeared.

KEYSTONE

If a projected picture has keystone distortion, correct image with **Keystone** adjustment. The image becomes trapezoid shape when the screen or project is not level. Please reposition the projector to improve its angle to the screen. However, the circumference of the image may not be focussed.

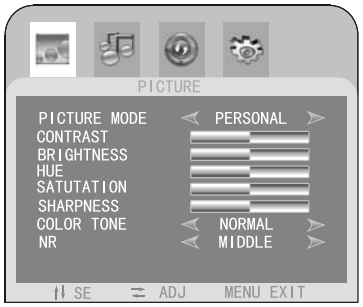


If not able to use the Keystone correction function to correct the trapezoid distortion,

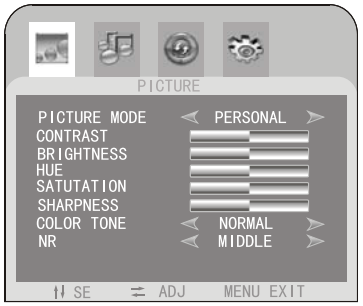
Menu setting

Menu setting method

1. Using the projector，press “menu” key, the picture disply on screnn to adjust the menu(picture one)；
2. press “ ” key，the menu in turn circle into “image” > “volume” > “function” > “system” > “setting” > “image” adjust interface；
3. Elect the adjust interface，use “ ” key elect the item that need to adjust(picture two）；
4. use “ ” key to adjust the elect item paremeter；
5. Finished the elect item parameter，press the “menu” key again，exit the page ；
6. Repeat operate the 2～5step，till finished all the parameter's enactment，press “exit” key,exit the menu page，otherwise，the menu page will auto exit after a period time。



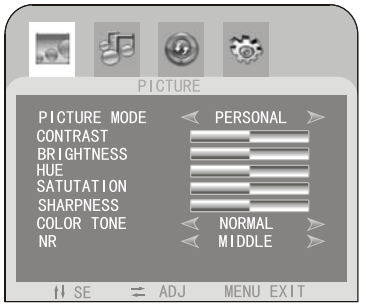
（One）



（Two）

1. Image menu adjustment

a. Press “menu” key，untile disply the above picture of the menu;
b. Press “▲/▼” key，elect the option that need to adjust;
c. Press “◀/▶” key，adjust parallelisn elect parameter.
d. Press the "menu" key again exit the menu page parameter adjust station.



note:
“◀ ▶” indicate fixed option;
“ ▶ ” indicate submenu opton;
“ ” indicate continue adjust parameter，as adjust parameter will appear adjustment interface;